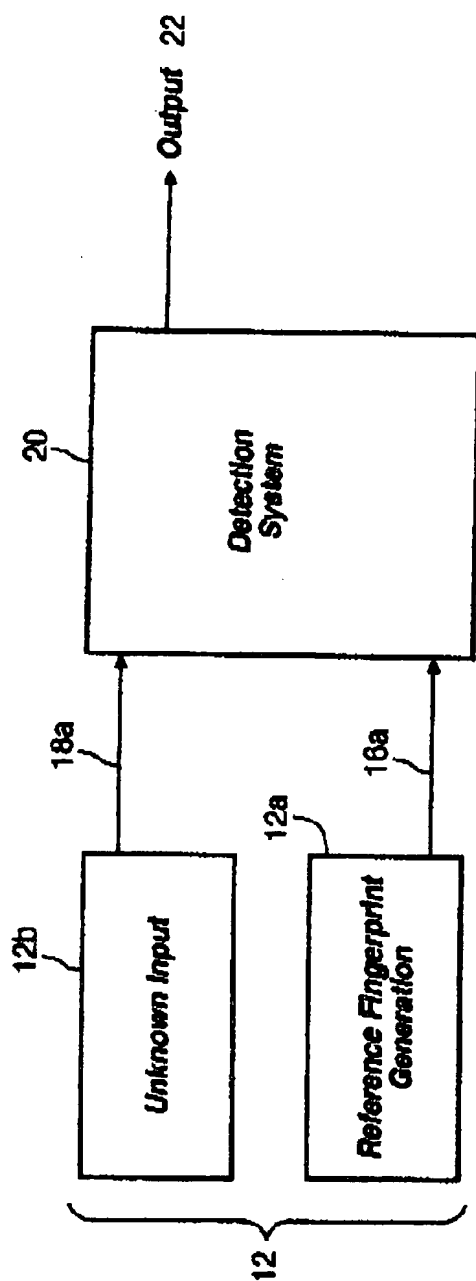
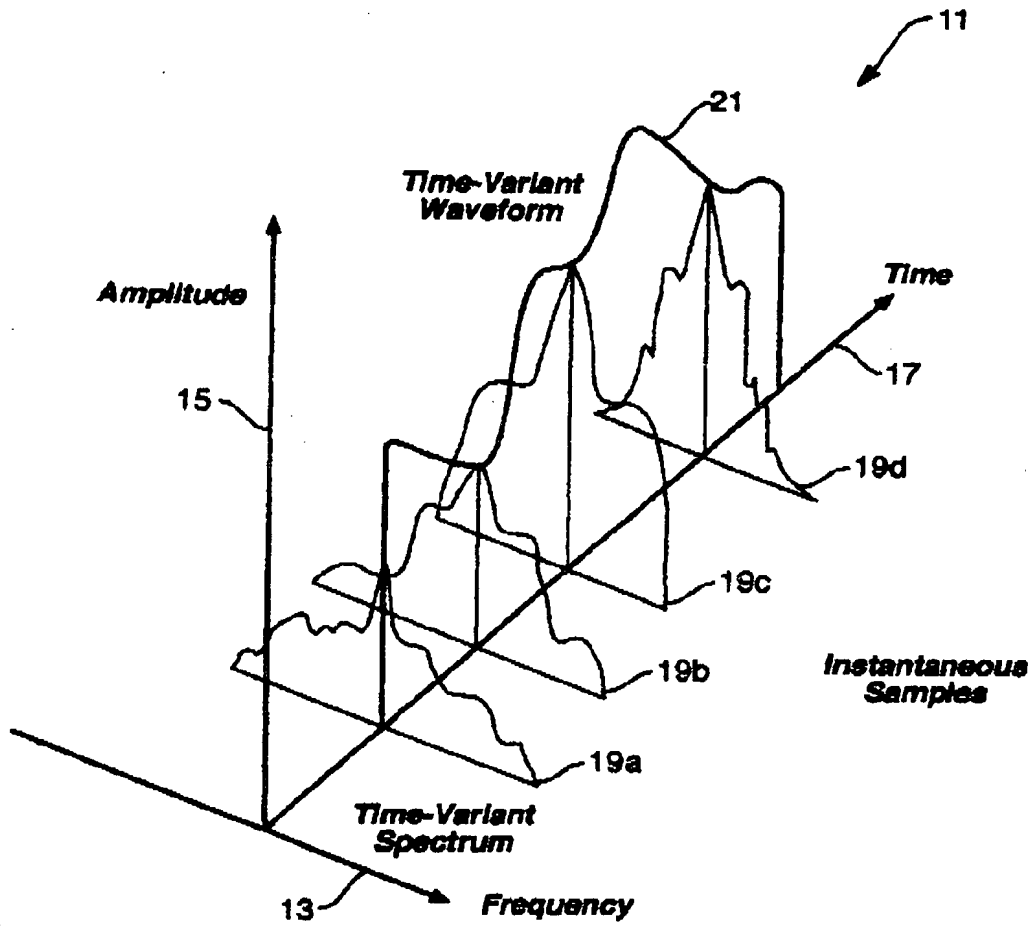


FIG. 1



Photonic Fingerprint Analyzer
and Coincidence Detector

FIG. 2



Photonic Fingerprint

FIG. 3

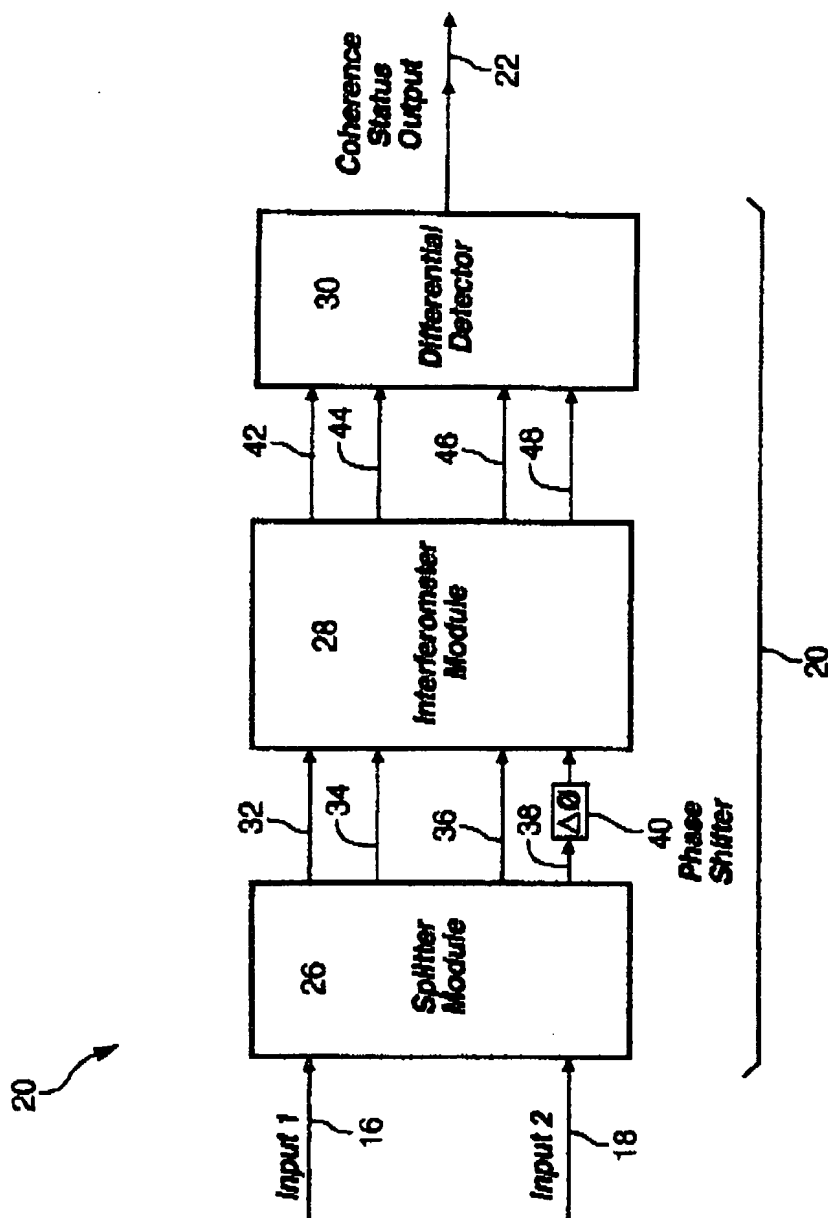


FIG. 4

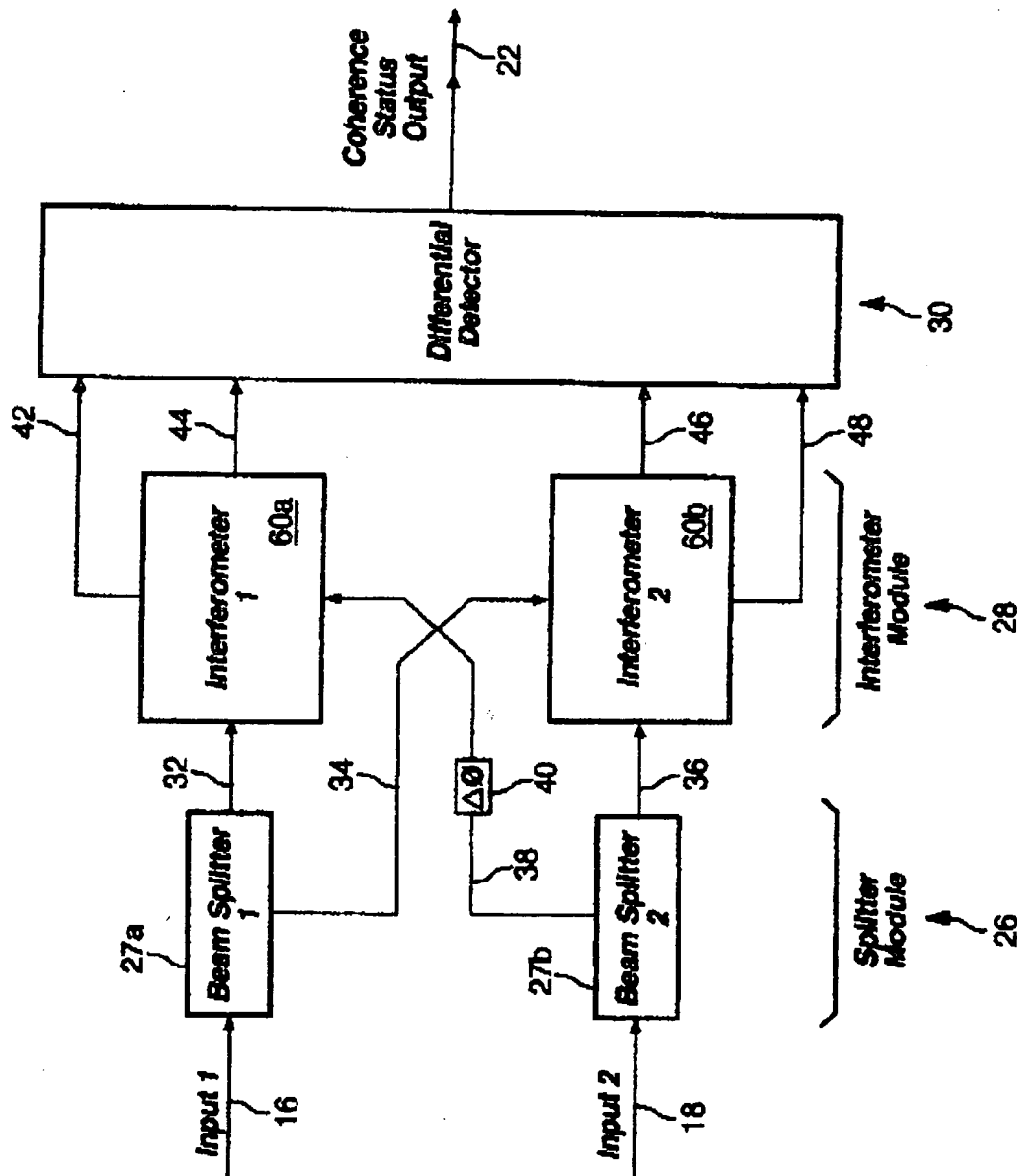


FIG. 5

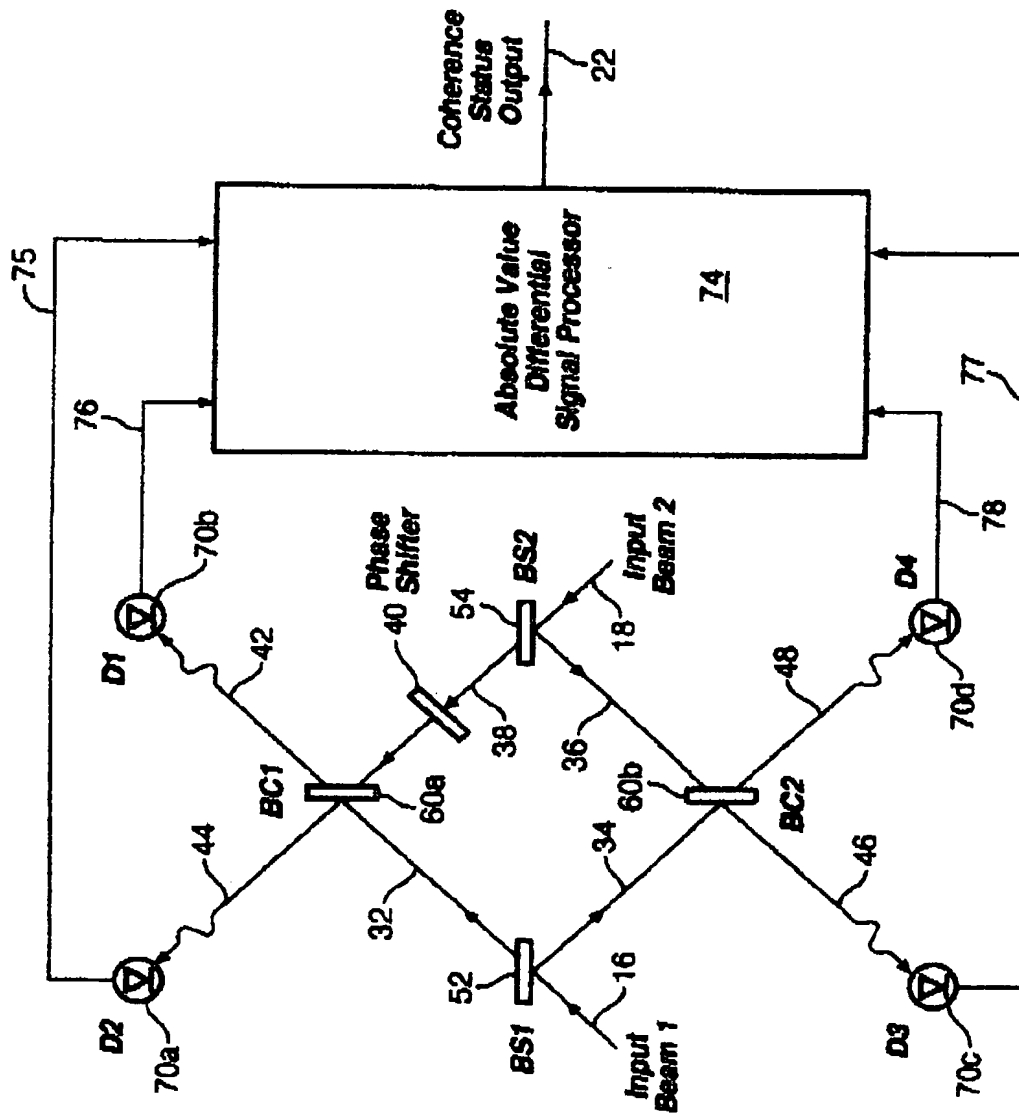


FIG. 6

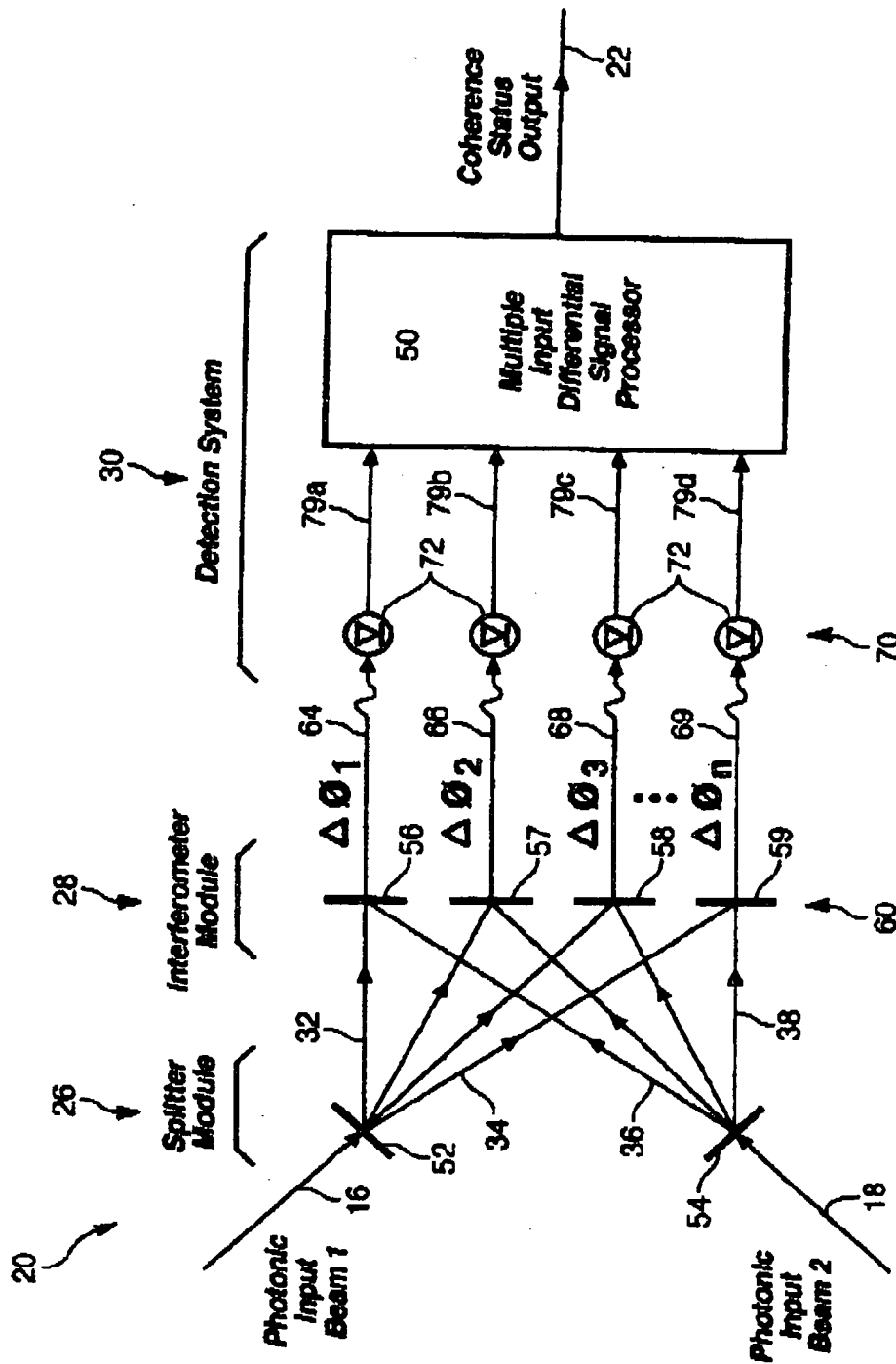


FIG. 7

8/30

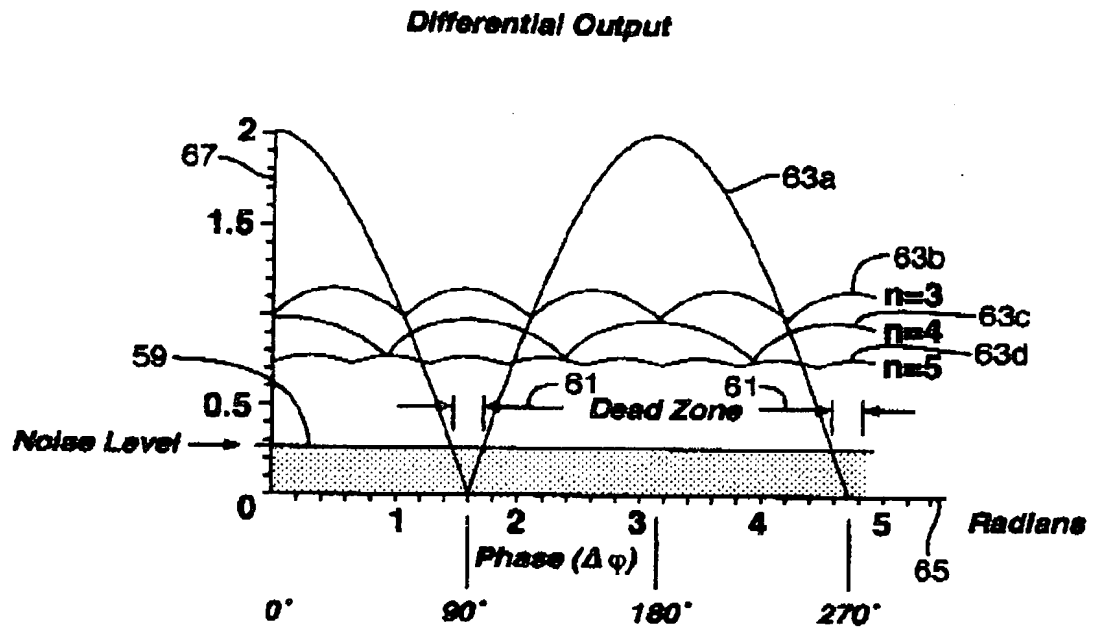


FIG. 8

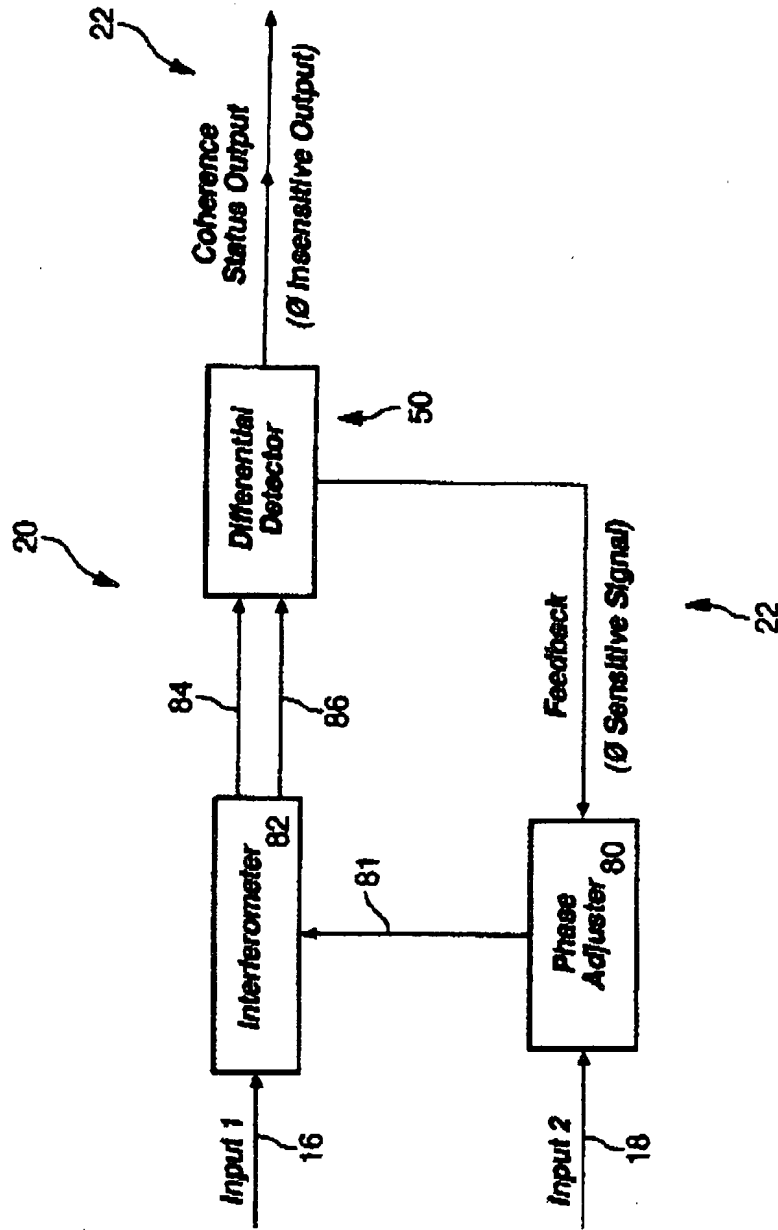


FIG. 9

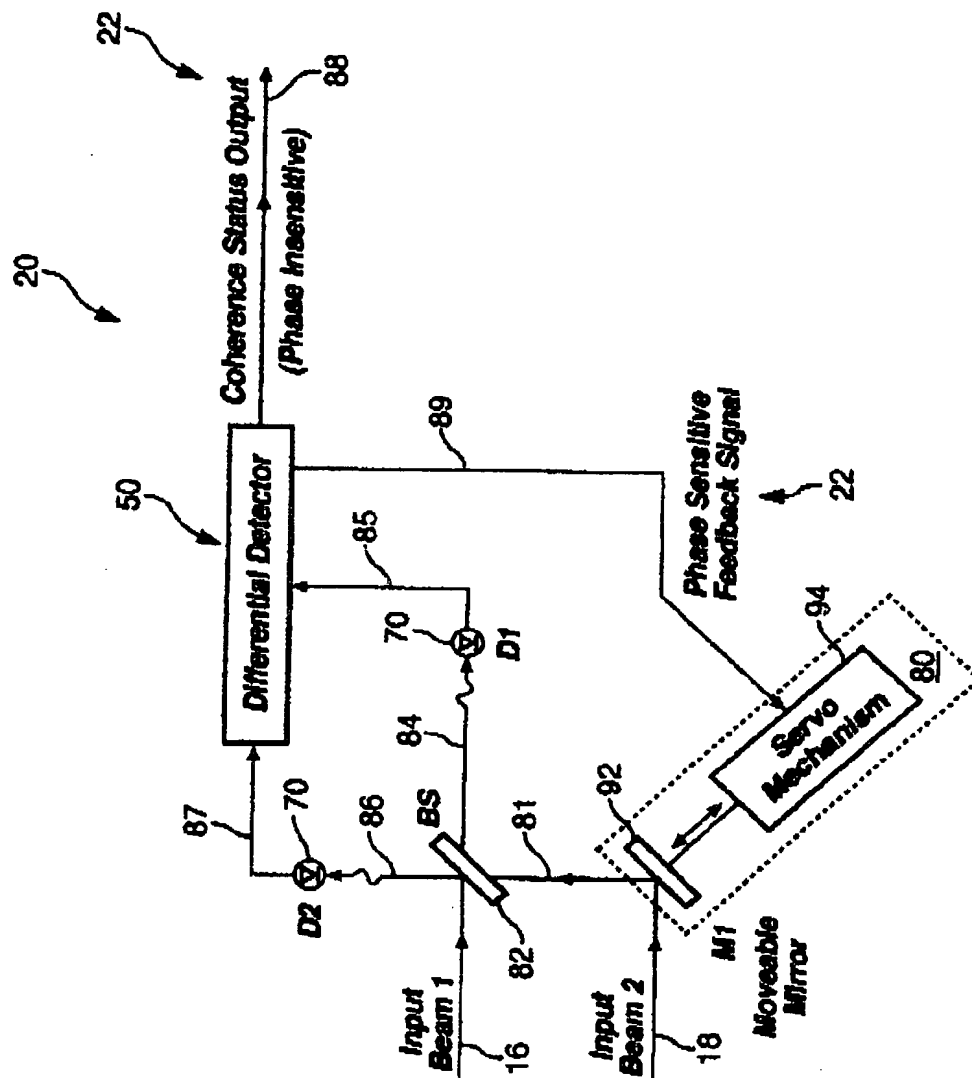


FIG. 10

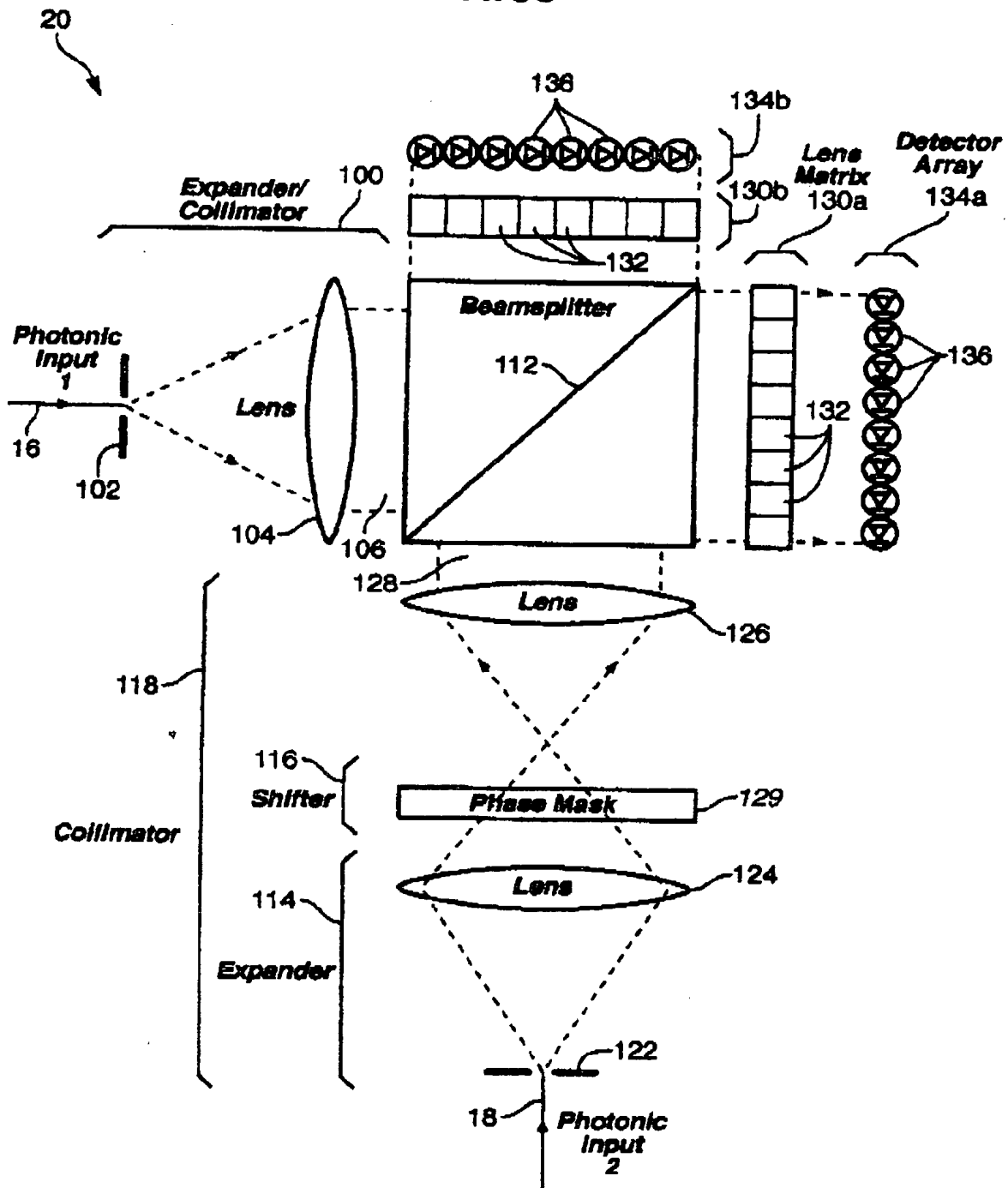


FIG. 11

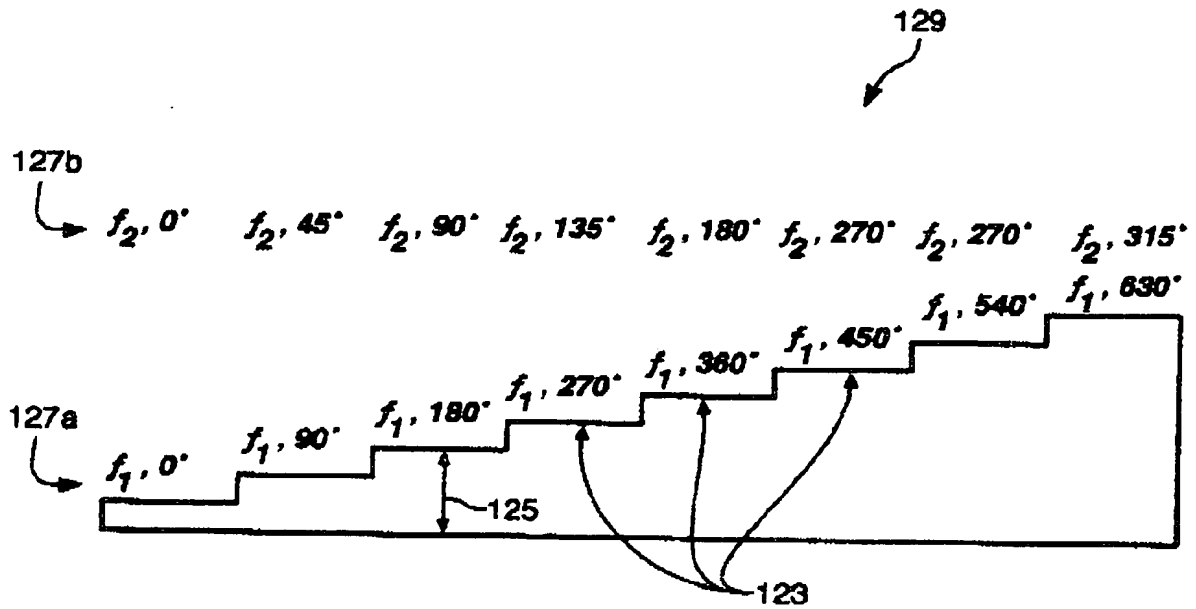


FIG. 12

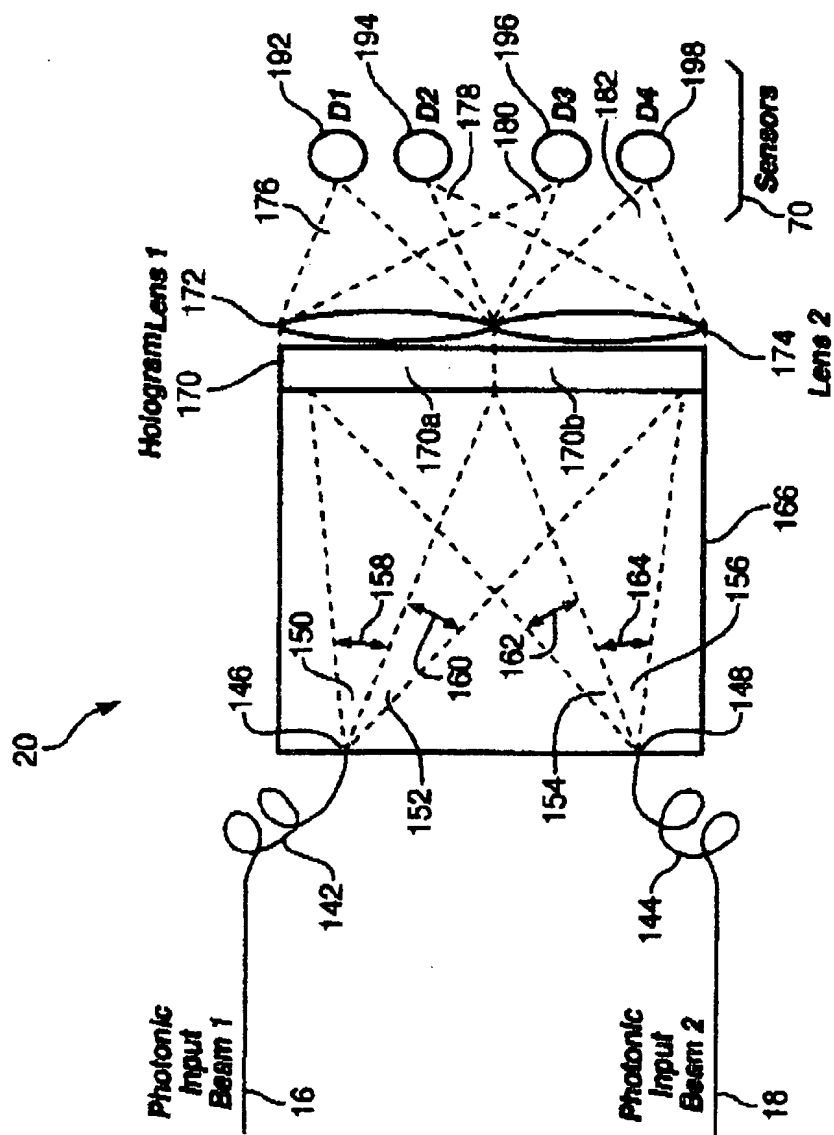


FIG. 13

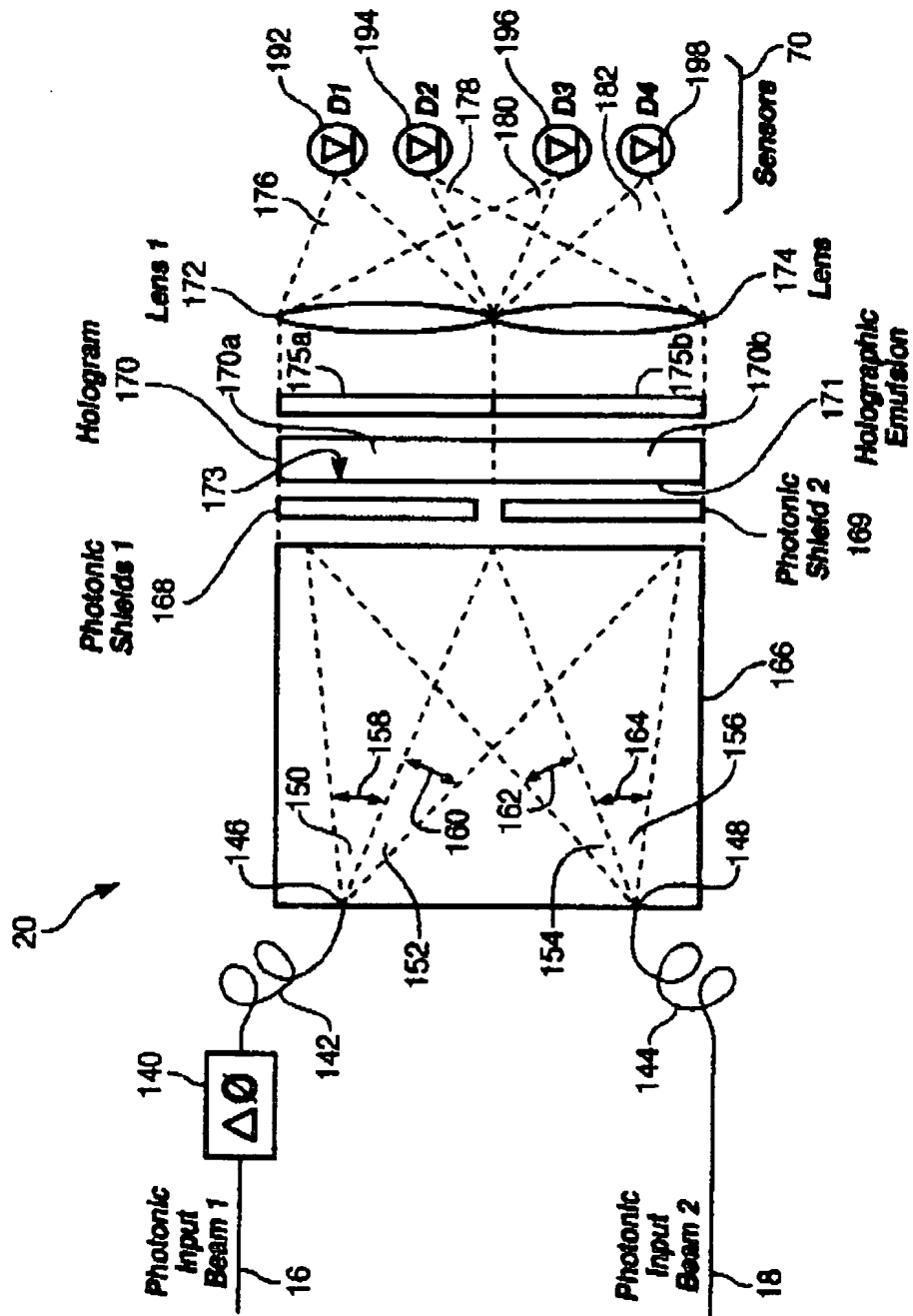


FIG. 14

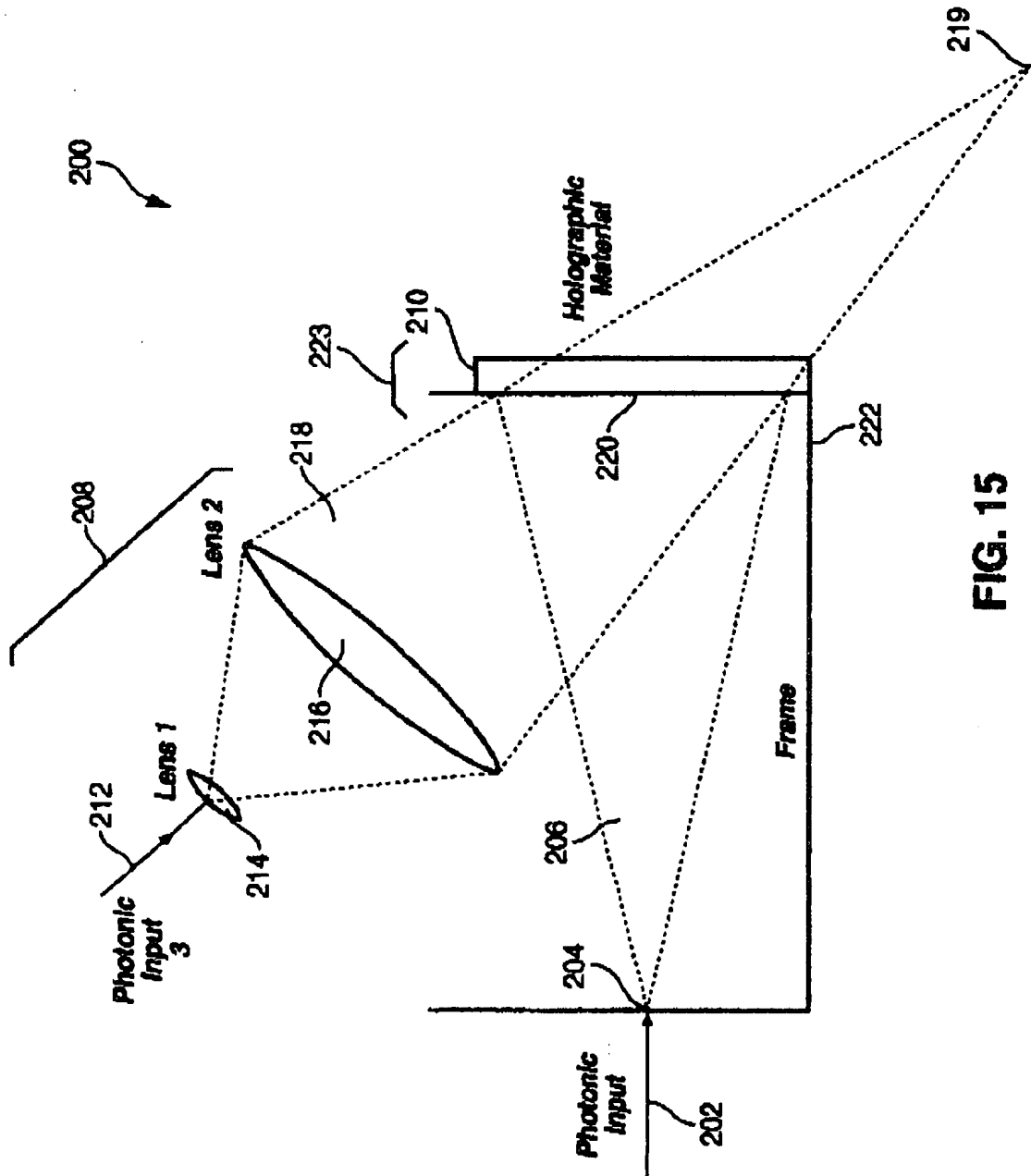


FIG. 15

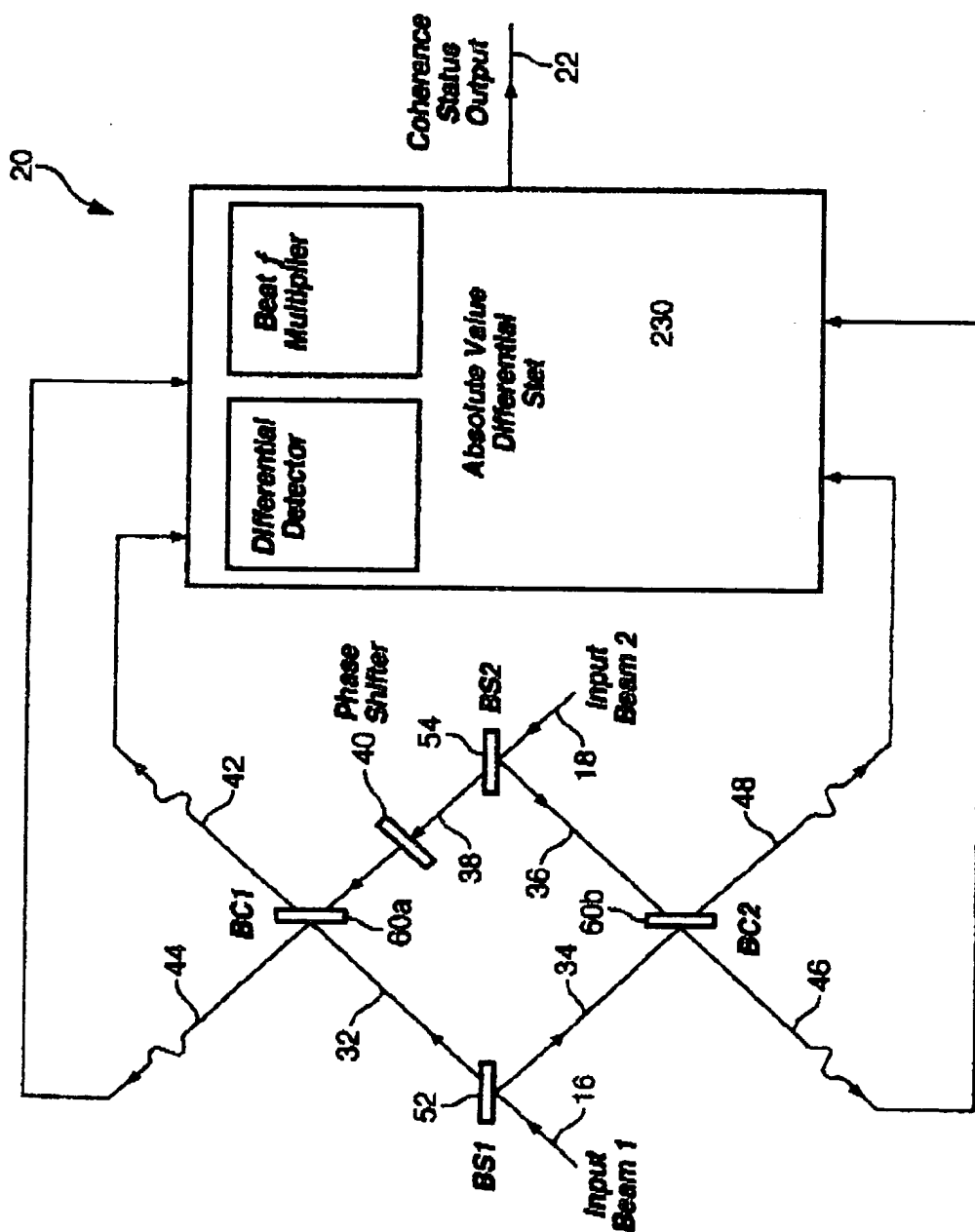
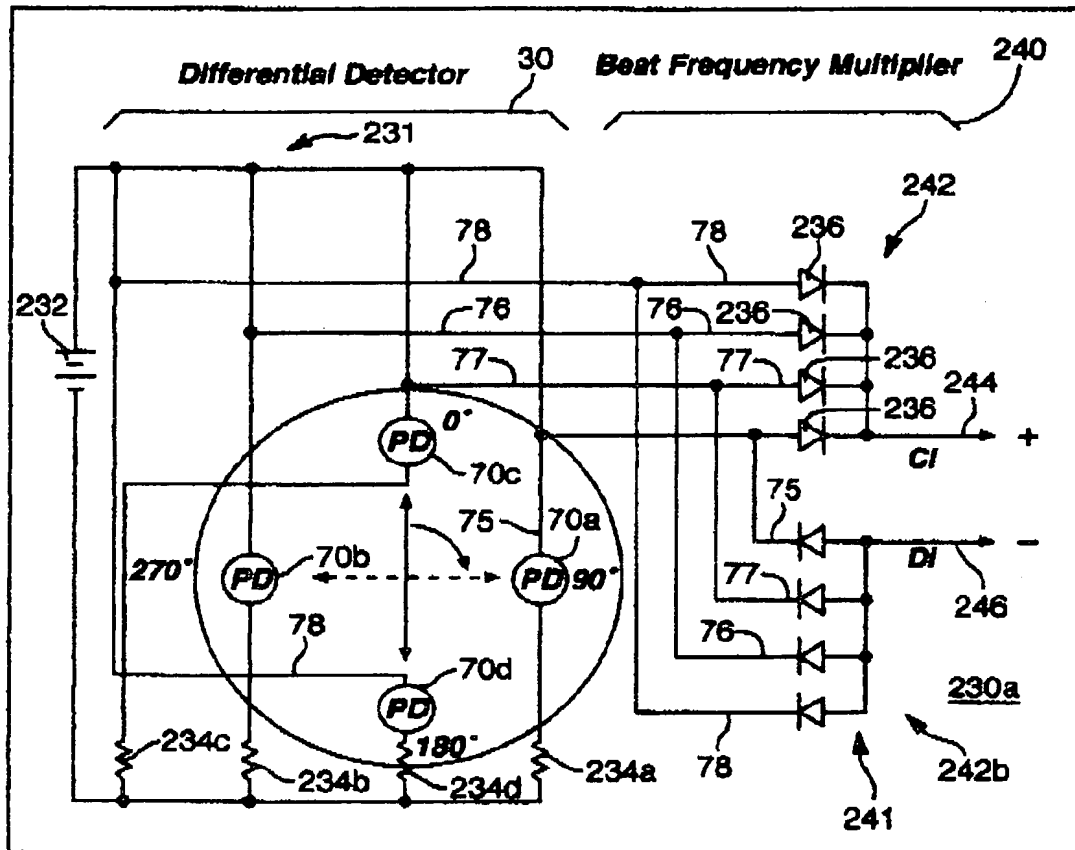


FIG. 16



**Absolute Value Differential Detector
With Beat Frequency Multiplication**

FIG. 17

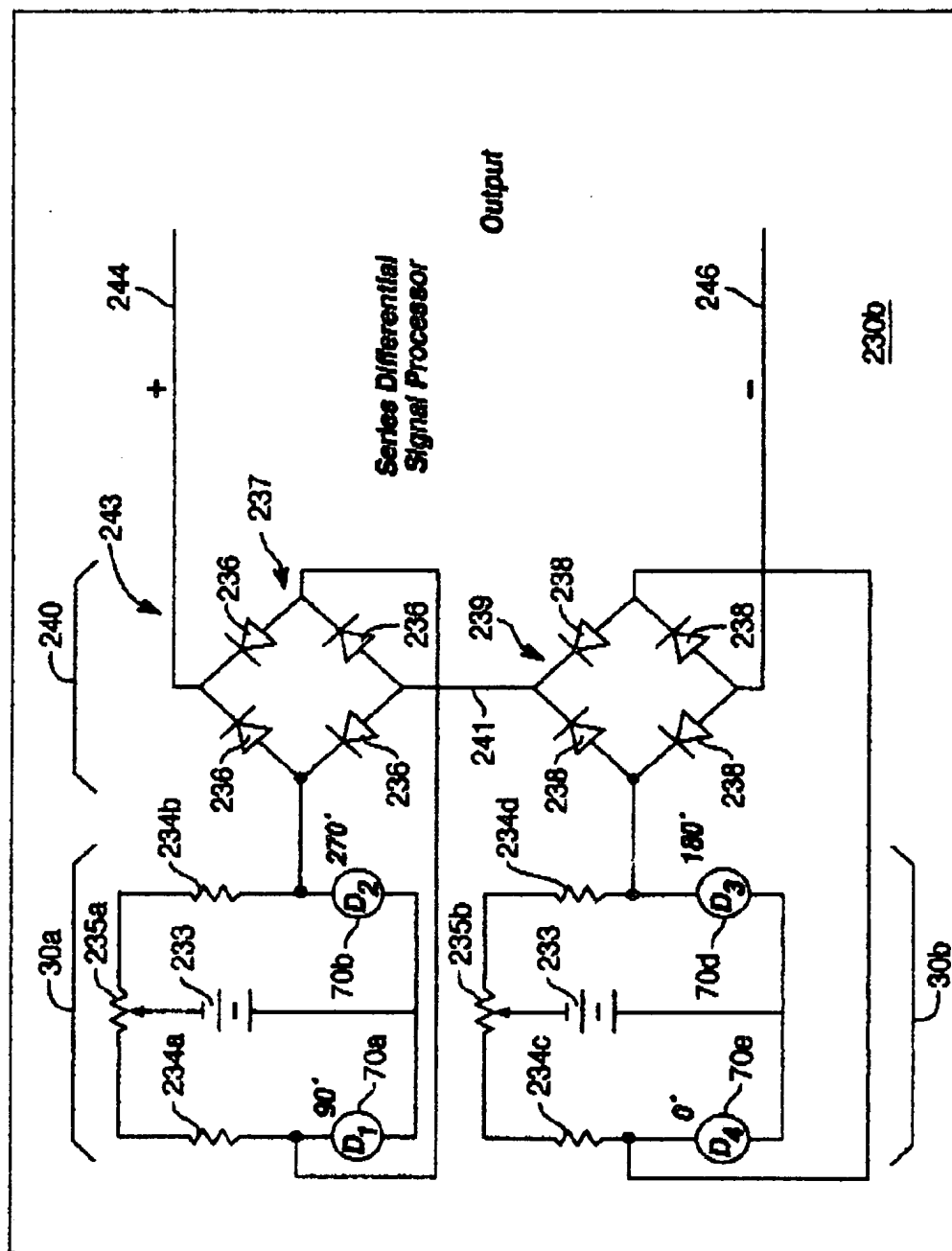


FIG. 18

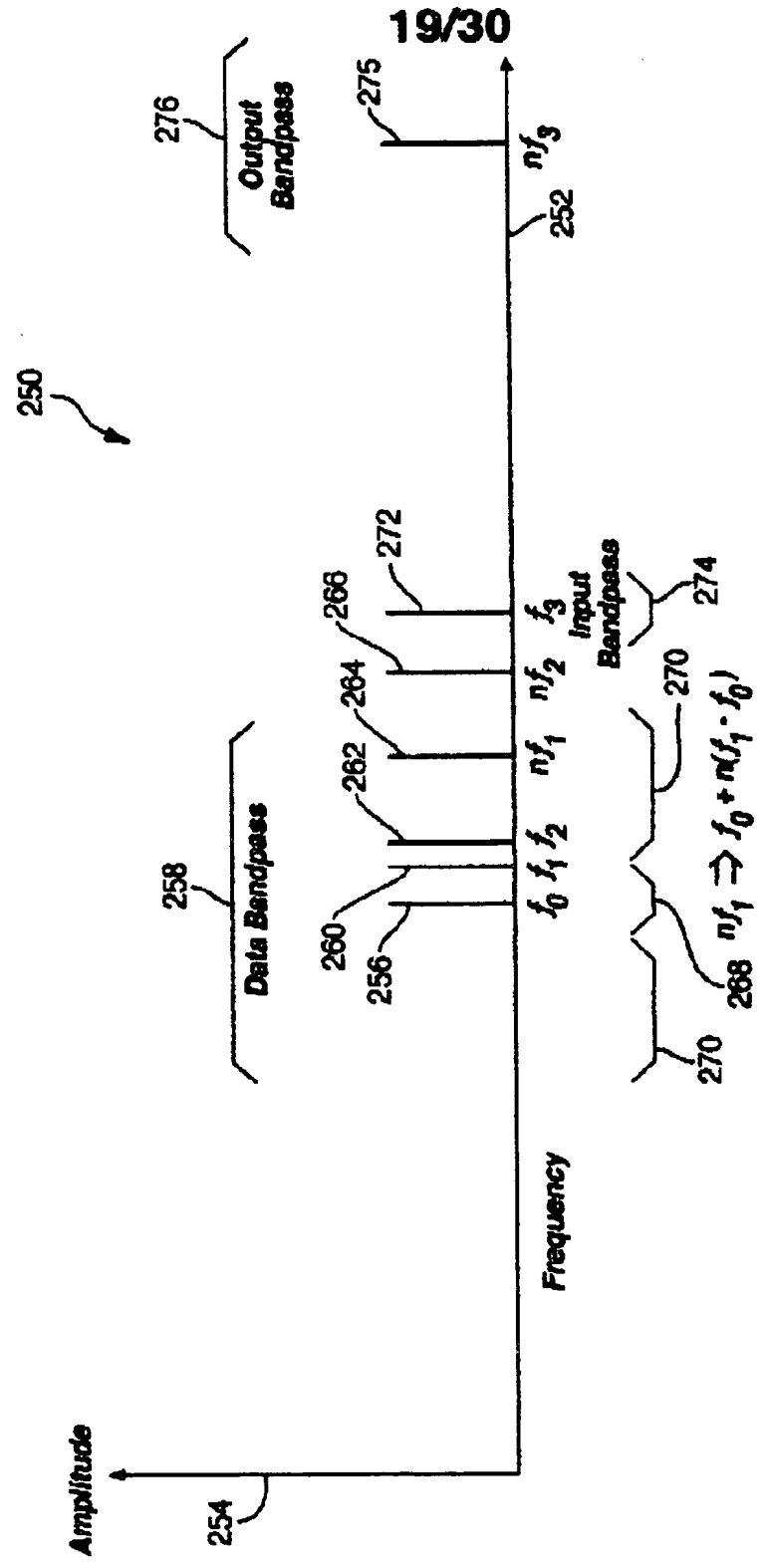


FIG. 19

**High-Resolution Broadband
Photonic Spectrum Analyzer**

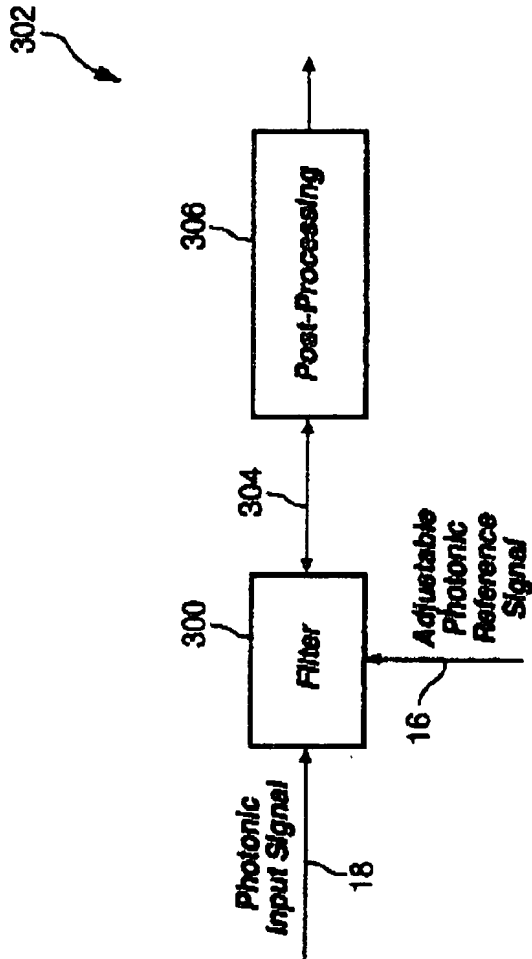


FIG. 21

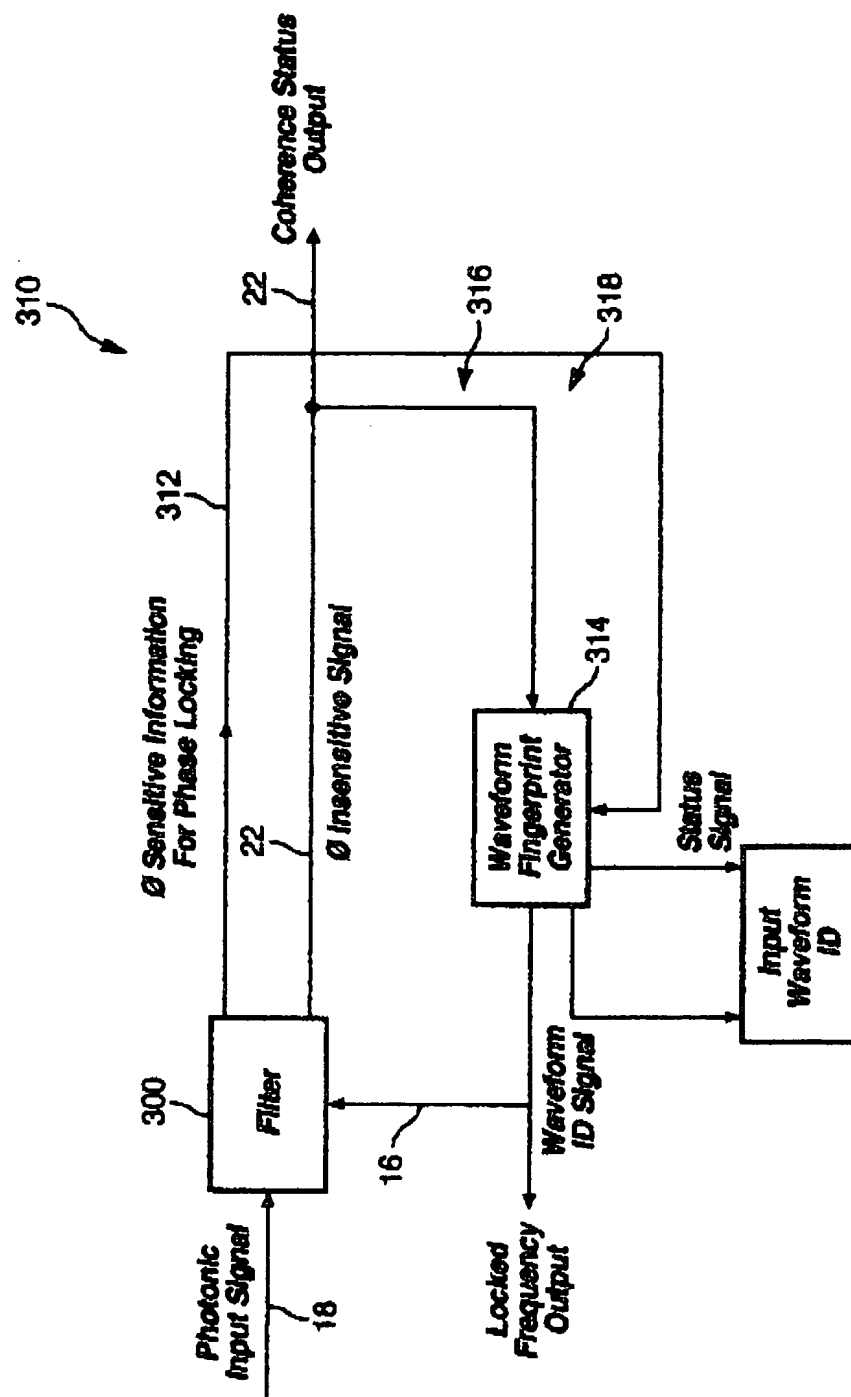


FIG. 22

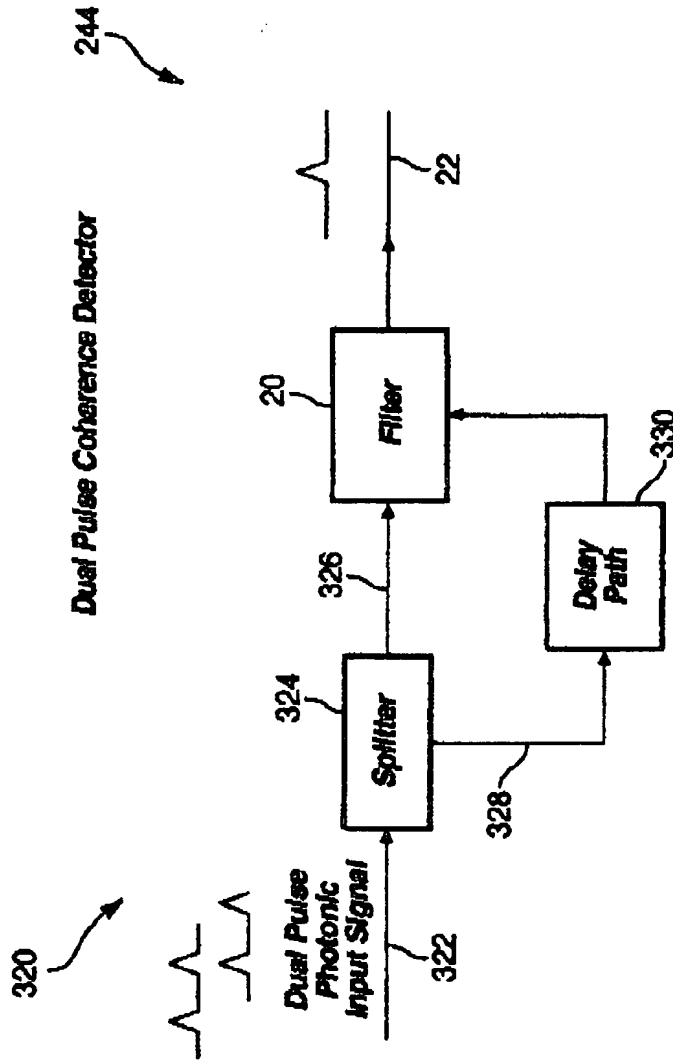


FIG. 23

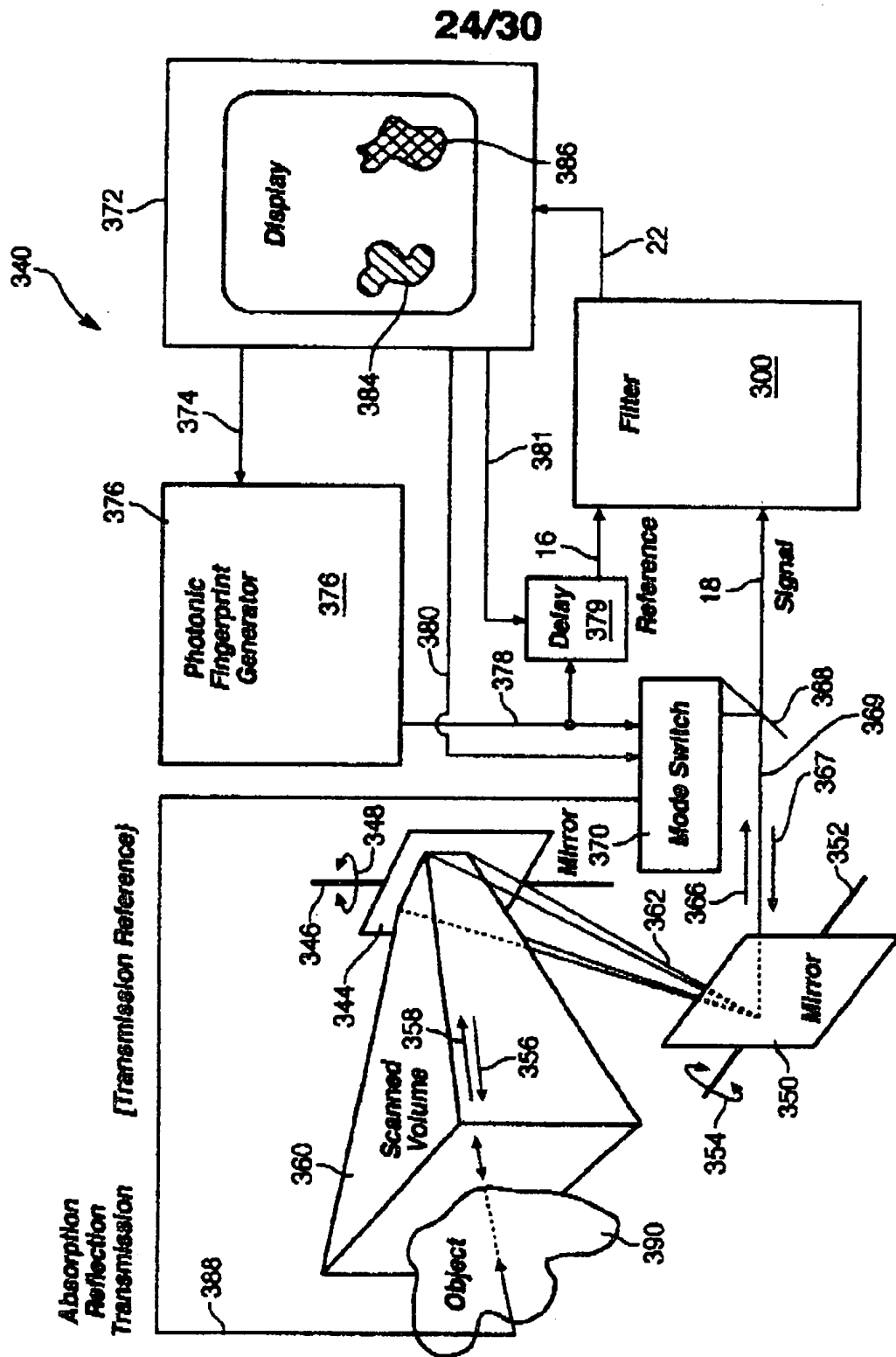


FIG. 24

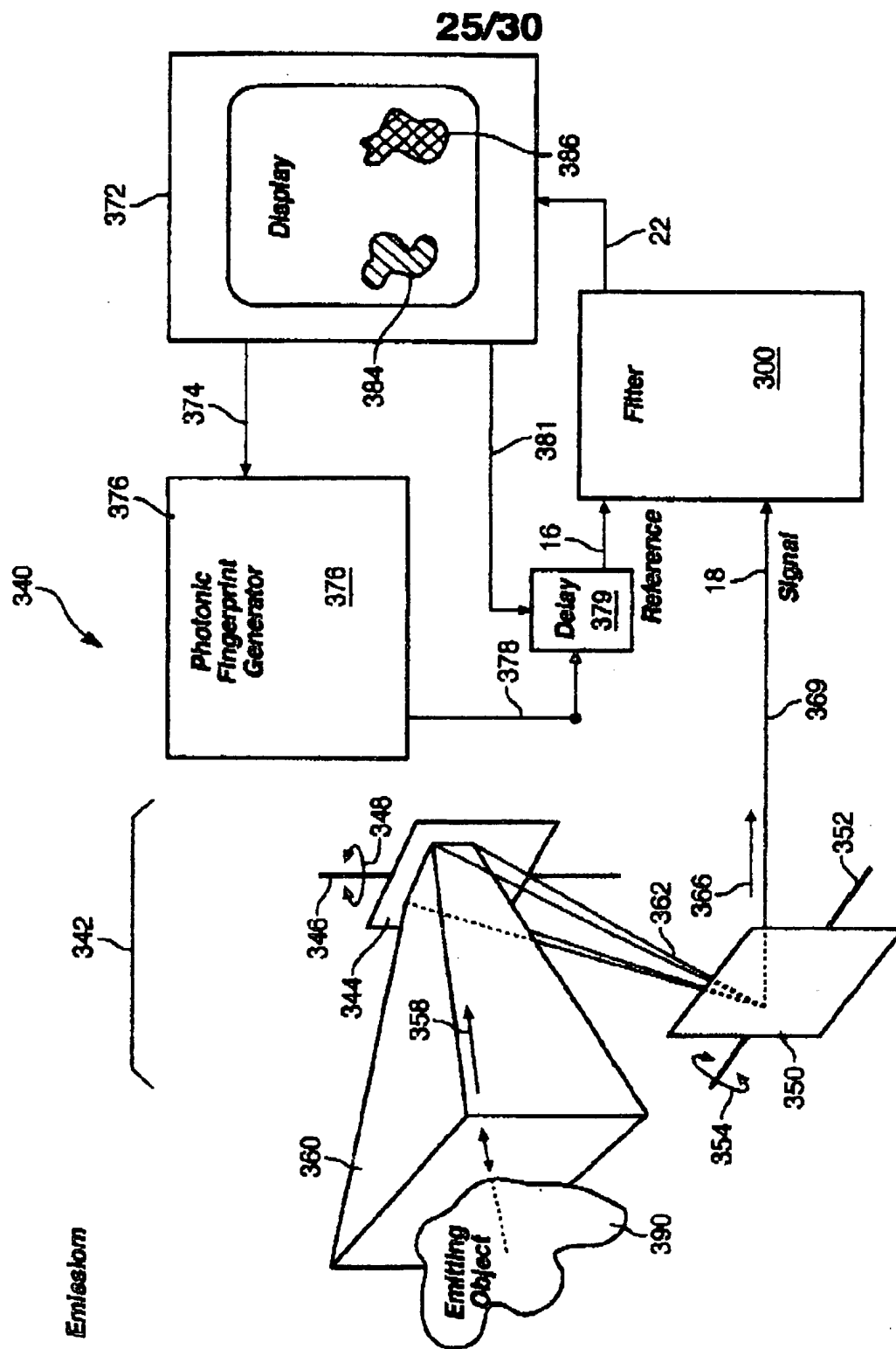


FIG. 25

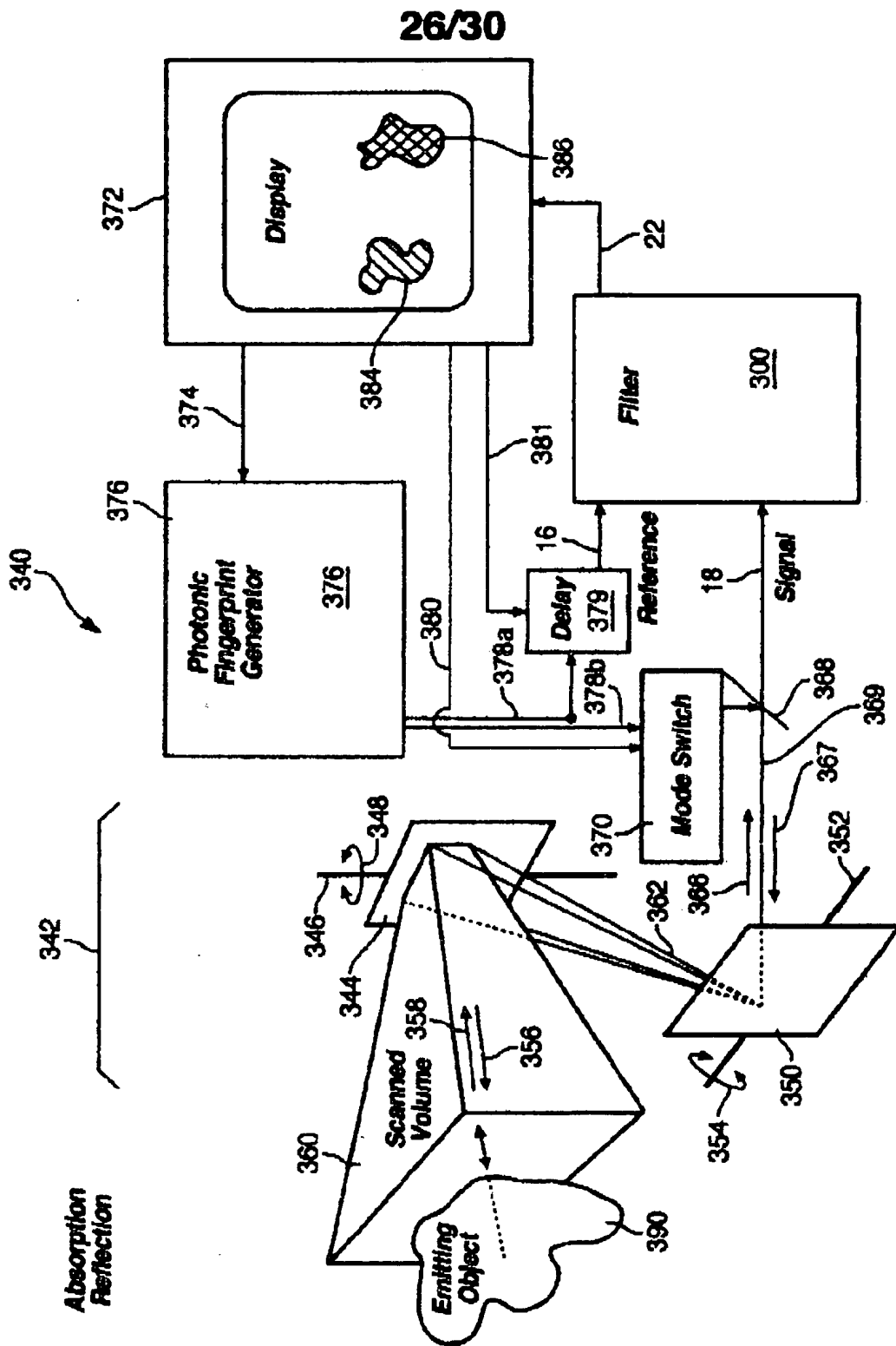
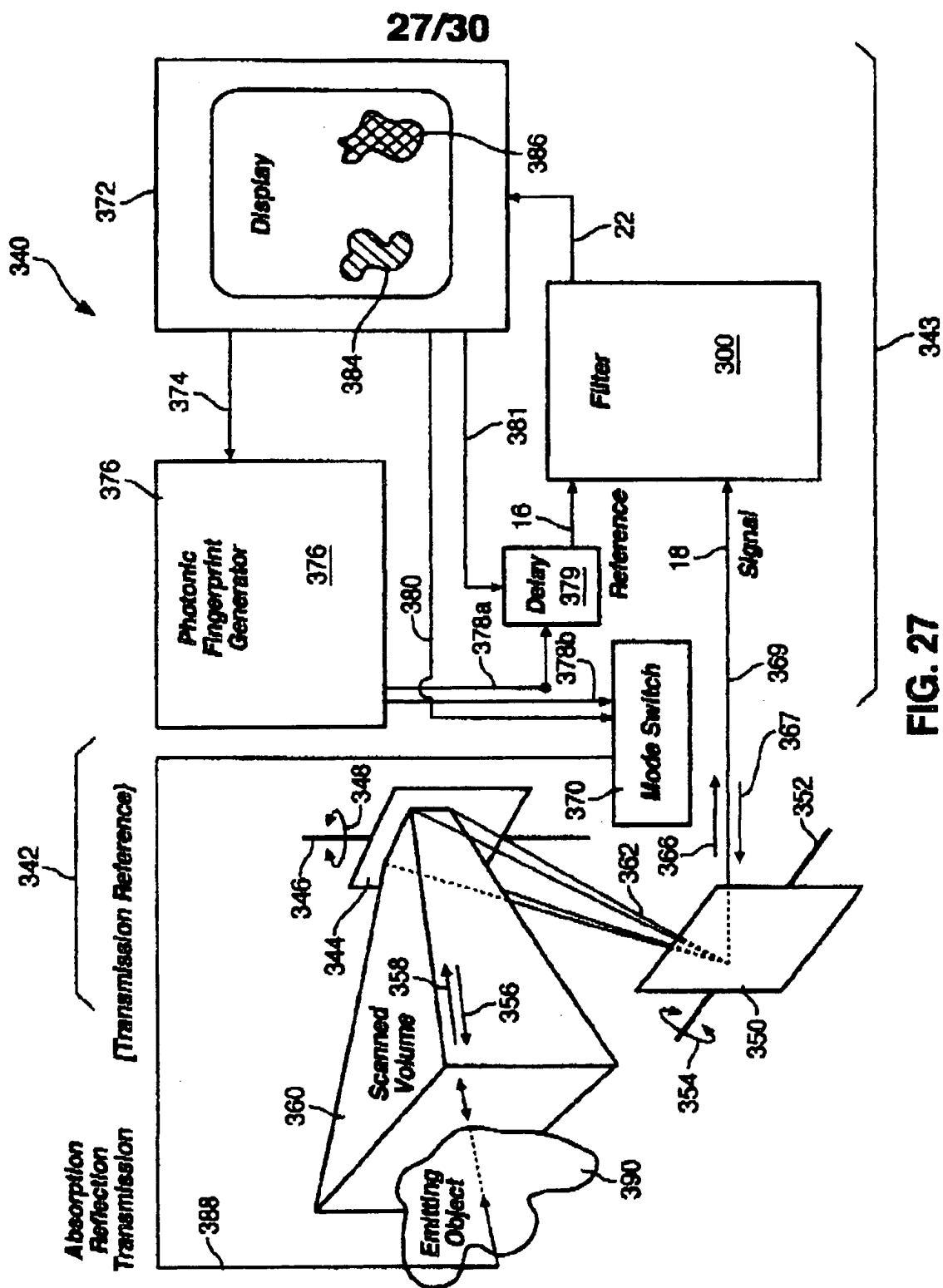


FIG. 26



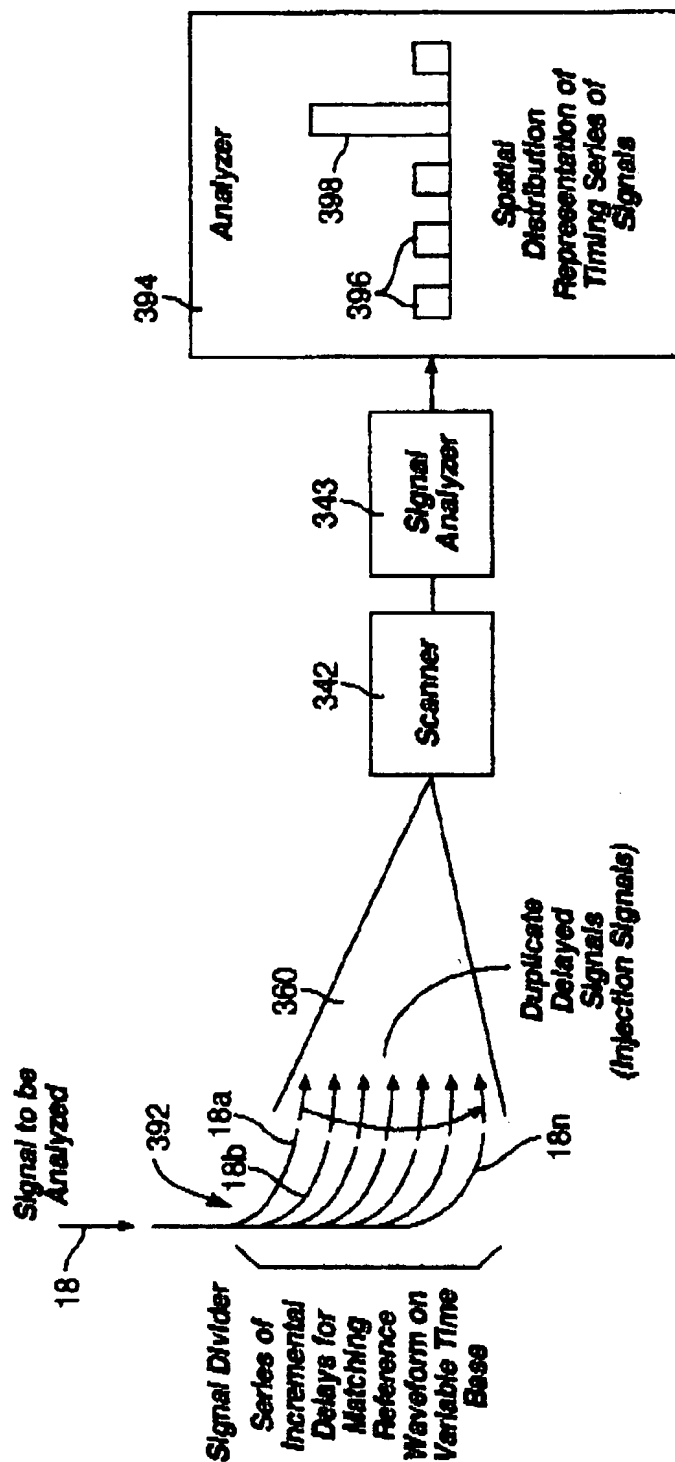


FIG. 28

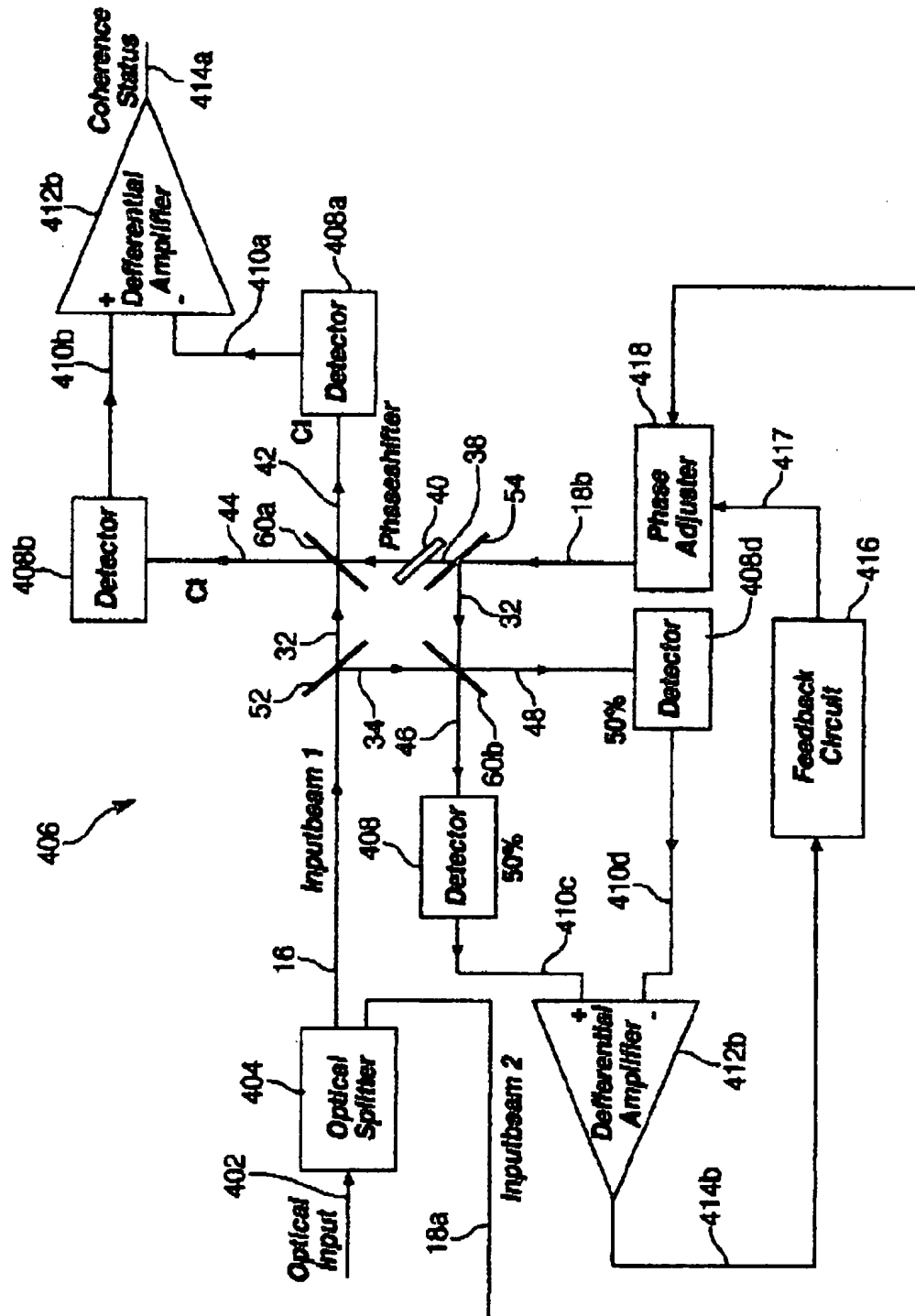


FIG. 29

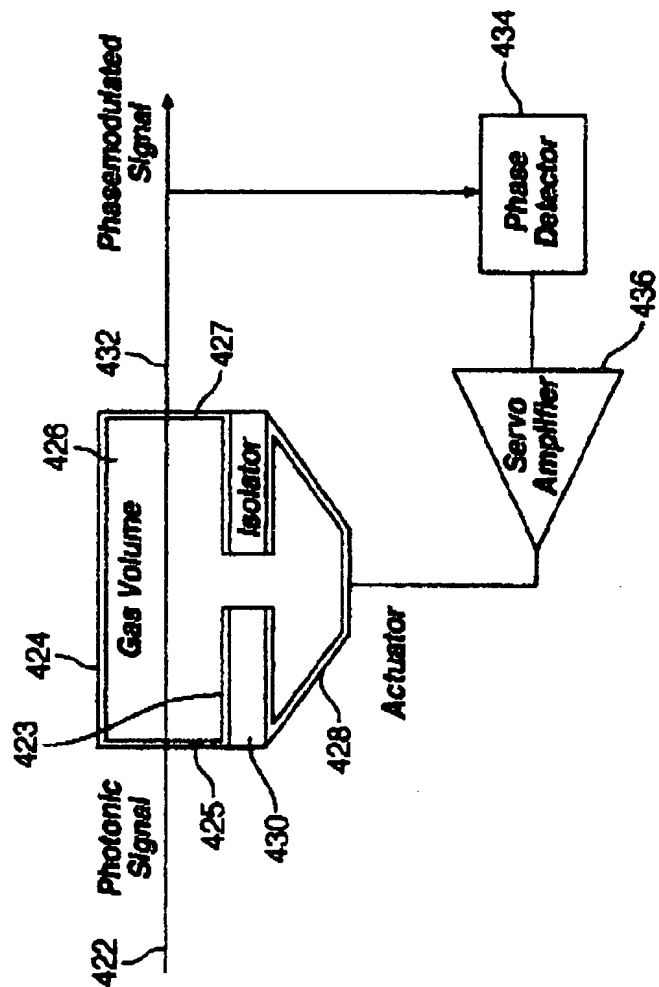


FIG. 30